GULF OF MEXICO

Mercator Projection
Scale 1:2,160,000 at Lat. 28°16'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

For offshore navigation only.
Detail within the 10 fathom curve is not shown on this chart except on offlying shoals.
Use the 1:80,000 series charts for near-shore navigation within the 10 fathom curve.

Compiled from larger scale charts issued by the National Ocean Service, the Defense Mapping Agency Hydrographic/Topographic Center, the British Admiralty, and Amerindo Geophysical Society.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION
Numerous oil well structures exist in the water areas from Key West, Florida, to Brazos Santiago, Texas. Some wells are submerged and capped. See charts in the 1:400,000 scale range (outlined in magenta) and 1:80,000 scale series charts for location of surface wells and wells submerged 11 fathoms or more, aids to navigation and safety fairways thru oil fields.
Covered wells may be marked by lighted or unlighted buoys.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1)
Aids to Navigation (lights are white unless otherwise indicated):
AERO aeromarine; Al alternating; B black; Bn beacon; C can; CHK checkered; E W east/west (lights); F fixed; Fl flashing; Bottom characteristics: Brk boulders; Co coral; Cy clay; G gravel; Gra gravel; gy gray; h hard; M mud; S sand; Sh shells; so soft; sy sticky; Obstructions: AUTH obstructed; ED existence doubtful; Ch obstruction; PA position approximate; PD position doubtful; Rep reported; Wk wreck; Expl explosives; MD magnetic disturbance; R red; W white; WHIS whistle; Y yellow; Fog Signals: (F) fog detector; Horn (2) 30 sec; R (R) radiobeacon; Siren (1) 60 sec; (T) radio tower; Tr tripod; V very; VQ very quick; 2 seconds; 5 seconds; SEC sector; 10 M statute miles; 2 M nautical miles; AUTH obstructed; Obstn obstruction

Formerly CAGDS 1604. Ind Ed. Oct. 1900. C-1606-KD

Nautical Chart Catalog No. 1, Region 6-1

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
7980 ..... 79,800 Microseconds

STATION TYPE DESIGNATORS: (last individual station letter designations)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary

EXAMPLE: 7980-X

RATES ON THIS CHART
7980-W 7980-X 7980-Y 7980-Z

Loran-C correction tables published by the Defense Mapping Agency or others should be used with this chart. The lines of position shown are based on assumed propagation corrections. Uncorrected positions may not exceed the 1 nautical mile accuracy criteria established by the U.S. Coast Guard. Mariners are cautioned to use larger scale Loran-C charts where possible.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4 and 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, FL and 8th Coast Guard District in New Orleans, LA, or at the Office of the District Engineer, Corps of Engineers, in Charleston, SC, Jacksonville, FL, Mobile, AL, New Orleans, LA and Galveston, TX.
Refer to charted regulation section numbers.

NOTE B
WEATHER ROCKET IMPACT AREA
Mariners are cautioned against possible hazards in the impact area due to falling rocket casings. Hazard may exist during hours 1930-2100 Eastern Standard Time, Monday through Friday.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOTE D
CHEMICAL MUNITIONS DUMPING AREA—RESTRICTION
Site was formerly used or designated for U.S. chemical munitions dumping. Such use has been discontinued. Dumping of such materials in this area in no way constitutes authority for dumping.

NOTE E
Port St. Joe is in the Eastern Standard Time Zone.

NOTE F
CAUTION
Trawlers or other vessels should exercise caution while dragging the ocean floor within a 40 mile radius of Cape Canaveral, Florida, since it is known that missile debris, some of which may contain unexploded explosives, exists in this area.

NOTE 5
Regulations for ocean dumping sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilot appendix for addresses of EPA offices.

CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of beacon other than marine radiobeacons can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
(Approximate location) ⊕ (Approximate location)

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

See Defense Mapping Agency Hydrographic/Topographic Center Lists of Lights and Fog Signals for information not included in the U.S. Coast Guard Light List.

CAUTION
Many lights on coast of Cuba have been reported to be irregular or extinguished.

CAUTION
FISH HAVENS
Numerous unchartered fish havens, some marked by privately moored red buoys, exist seaward of the 10 fathom curve. See larger scale charts for location.

LORAN LINEAR INTERPOLATOR

LORAN LINEAR INTERPOLATOR

GULF OF MEXICO
ATLANTIC OCEAN
CARIBBEAN SEA
FLORIDA STRAITS
BAHAMA BANK
YUCATAN CHANNEL
YUCATAN DEEP
PENINSULA DE YUCATAN
GULF STREAM
BLAKE PLATEAU
MISS. ALA.
GEORGIA S. CAROLINA
CUBA
JAMAICA
THE BAHAMAS

NEW ORLEANS
MOBILE
SAVANNAH
CHARLESTON
JACKSONVILLE
Fernandina Beach
St. Augustine
Daytona Beach
New Smyrna Beach
CAPE CANAVERAL
Melbourne
Vero Beach
Fort Pierce
Stuart
Lake Okeechobee
Palm Beach
West Palm Beach
Fort Lauderdale
Dania
Hollywood
Miami
Miami Beach
Key Biscayne
CAPE FLORIDA
Fowey Rocks
CAPE SABLE
Key West
Dry Tortugas
HAVANA
MATANZAS
CIENFUEGOS
SANCTI SPIRITUS
CAMAGUEY
Holguin
SIERRA MAESTRA
MERIDA
CAMPECHE
Port Antonio
Kingston
Port Morant
Montego Bay
Negril Pt.
Port Maria
Ocho Rios
Port Antonio
GRAND BAHAMA
Freeport
Little Bahama Bank
Great Bahama Bank
CAY SAL BANK
Cay Sal
Anguilla Cay
Great Abaco I.
Little Abaco I.
Great Harbour Cay
Berry Islands
Chub Cay
Andros I.
North Cat Cay
Bimini
Great Isaac I.
Great Inagua I.
Mayaguana I.
Acklins I.
Crooked I.
Long I.
Rum Cay
Conception I.
San Salvador I.
Cat I.
Eleuthera I.
Harbour I.
Spanish Wells
Current I.
Powell Pt.
Hole in the Wall
Great Exuma I.
Cape Santa Maria
Samana Cay
Mayaguana Passage
Caicos Passage
Crooked I. Passage
Windward Passage
Old Bahama Channel
Northwest Providence Channel
Tongue of the Ocean
Exuma Sound
Great Bahama Canyon
Santaren Channel
Florida Straits
Gulf Stream
Blake Plateau
Miami Terrace
Cay Sal Bank
Bahama Bank
Yucatan Channel
Yucatan Deep
Cayman Trench
Cayman Islands
Cayman Ridge
Cayman Basin
Cayman Rise
Cayman Spreading Center
Nicaragua Rise
Nicaragua Basin
Nicaragua Rise
Colombian Basin
Aruba
Curaçao
Bonaire
Los Roques
Los Testigos
Margarita I.
Tortuga I.
Blanquilla I.
Los Frailes
Los Aves
Los Monjes
Los Hermanos
Los Roques
Los Testigos
Los Frailes
Los Aves
Los Monjes
Los Hermanos

Chart 11460
Chart 11480
Chart 11520
Chart 11400
Chart 11420
Chart 11360
Chart 11340
Chart 11440

Lloyd Ridge
Atwater Valley

SOUNDINGS IN FATHOMS

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